

2473 F 2525

758 F 824

1885.

No. 2473 Date July 4/06 5:10 PM

Sigsbee Machine. 1 Reel.

Turns 197 Cor. + 22 Depth 219

~~Shot or lead~~ 35 lb

Bottom Coarse Sand &amp; Shells

Bottom temperature 40.3

No. of thermometer 53731 Cor. -.3

Corrected temperature 40

Air 58 Surface 53 Drift NSW,  $\frac{1}{2}$  M~~Trawl or dredge~~ Tangles with grapnels

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5. 19.30	14 30	0	5. 17.00	50.30
11.10	13 25	100	20.30	47.00
12 40	12 25	200	23.45	43.40
		300	31.45	5.40
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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2500

2600

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2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

\* gorgonian coral  
a few star fish

\* small quantity

SCP

507.

No. 2474 Date July 4<sup>th</sup> 6:02 P.M.

Sigsbee Machine. Reel.

Turns 120 Cor. + 13 Depth 133

~~Shot or lead~~ 35

Bottom hard

Bottom temperature 40.3

No. of thermometer 53731 Cor. -, 3

Corrected temperature 40

Air 58 Surface 53 Drift 1/2 m. N.

Trawl or dredge Tangles\*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6 02,00  
03,10  
03,35

06,15  
05,00

0  
100  
130  
200  
300  
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6 07,00 33,00  
10,30 29,30  
21,00 6,25,00

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	* Tangles had a number of large fish hooks fastened to the Swabs.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	Tangle contained			
1000				

REMARKS:

A few Starfish

SRP

No. 2475 Date July 4<sup>th</sup> 6:44 P.M.  
 Sigsbee Machine. 1 Reel.

Turns 200 Cor. + 22 Depth 222

Shot or lead 35 lbs

Bottom Yellow Sand & pebbles

Bottom temperature none taken

No. of thermometer

Cor.

Corrected temperature

Air 54 Surface 53 Drift  $\frac{1}{2}$  N. N. W.

Trawl or dredge Tangles \*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.44.00	49.30	0	6.50.30	17.30
45.30	48.30	100	53.40	14.10
47.00	47.10	200	56.00	10.30
		300	59.00	7.07
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	* Tangles had a number of large fish hooks fastened to the swabs.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	Tangles contained			

REMARKS:



SRP

No. 2476 Date July 4<sup>th</sup> 7:16 P.M.  
 Sigbee Machine. 1 Reel.

Turns 180 Cor. + 20 Depth 200

Shot or lead 35 lbs

Bottom Yellow Sand & pebbles

Bottom temperature none taken

No. of thermometer

Cor.

Corrected temperature

Air 54 Surface 53 Drift 1 mi. N by W

Trawl or dredge Tangles \*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7 16.00	21.00	0	21.00	56.20
17.10	19.30	100	25.20	53.40
17.40	17.40	180	27.10	51.15
		200	30.00	49.00
		300	36.00	7 46.00
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	* Tangles had a number of large fish hooks fastened to the Swabs			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	Tangles contained			
1000				

REMARKS:  
 A few star fish and 1 large specimen of merendas Bairdii  
 & few sea urchins

SSP

No. 2477 Date July 17, 1881

Machine. / Reel.

Turns 103 Cor. + 11 Depth 114

Shot or lead 35 lbs.

Bottom Coarse wh. S. & pebbles

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 54 Surface 51 Drift 1/2 N 1/2 E

Trawl or dredge 30

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.49.00	8 03.00	0	8 05.00	20.00
8.00.10	01.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hyd 17718* Date *July 4<sup>th</sup> 0, 1880**Sigsbee* Machine. *1* Reel.Turns *89* Cor. + *10* Depth *99*Shot or lead *35 lbs.*Bottom *coarse S. & sub*Bottom temperature *none taken*

No. of thermometer

Cor.

Corrected temperature

Air *54* Surface *51* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>21.33</i>	<i>35.11</i>	0		
<i>33.40</i>	<i>33.50</i>	<i>89</i> 100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.	
25					
50					
100					
200					
300					
400					
500					
600					
700					
800					
900	<i>Trawl contained</i>				
1000					

REMARKS:

*A few sponges*

No. 279 Date July 11 1881

Machine \_\_\_\_\_ Reel \_\_\_\_\_

Turns 91 Cor. + \_\_\_\_\_ Depth 101

Shot or lead \_\_\_\_\_

Bottom gy. m. s.

Bottom temperature 39

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 51 Surface 51 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

11.35

11.45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

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2000

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	3500	
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	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 778 Hyd. Date July 5<sup>th</sup> 1885

Machine. W. Reel.

Turns 312 Cor. + 34 Depth 346

Shot or lead 35 lbs.

Bottom grey clay (sluff)

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor.

Corrected temperature \_\_\_\_\_

Air 54 Surface 54 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
22.00	13.00	0		
03.30	11.45	100		
05.15	10.15	200		
06.45	08.15	300		
07.00	4.08.00	312		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *780* H<sub>g</sub>.! Date *July 1<sup>st</sup> 1885**Sigsbee* Machine. *1* Reel.Turns *378* Cor. + *5*Depth *375*Shot or lead *35 lbs.*Bottom *Sand brack.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *54*Surface *54*

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>26.00</i>	<i>26.15</i>	0		
<i>27.10</i>	<i>25.00</i>	100		
<i>28.30</i>	<i>23.45</i>	200		
<i>30.00</i>	<i>22.30</i>	300		
<i>32.10</i>	<i>21.20</i>	<i>378</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
		2000		
		2100		
		2200		
		2300		
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	2500	
	2600	
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	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2478* Date *Sept 15 1885*

Machine. *T* Reel.

Turns *172* Cor. + *19* Depth *191*

Shot or lead *35 lbs.*

Bottom *fine yellow sand*

Bottom temperature *none taken*

No. of thermometer \_\_\_\_\_ Cor.

Corrected temperature \_\_\_\_\_

Air *53* Surface *52* Drift *1/2 N, 3/4 W*

Trawl or dredge *Van Allen*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

*26.00*

*13.00*

100

*41.*

*10.15* *50.45*

*1700*

*1.54.57*

*37.10*

300

*2.50*

*5.33.00*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

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 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 211 Date July 11

Machine. 1 Reel.

Turns 110 Cor. + 5 Depth 115

Shot or lead 35 lbs.

Bottom white sand and shells

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 55 Surface 52 Drift N. 21

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 78 / Hub. Date July 5 1885Sigsbee Machine. 1 Reel.Turns 81 Cor. + 9 Depth 90Shot or lead 35Bottom white waBottom temperature noneNo. of thermometer — Cor.

Corrected temperature

Air 53 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date \_\_\_\_\_  
*Sigsbee* Machine. *4* Reel. \_\_\_\_\_  
 Turns *170* Cor. + *19* Depth *189* \_\_\_\_\_  
 Shot or lead *35 lbs.* \_\_\_\_\_  
 Bottom *White sand & shells* \_\_\_\_\_  
 Bottom temperature *none taken* \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface *53* Drift *7:12.7 3/4* \_\_\_\_\_  
 Trawl or dredge *Sigsbee* \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>54.00</i>	<i>34.30</i>
		100	<i>57.30</i>	<i>39.00</i>
		200	<i>7 00.30</i>	<i>20.00</i>
		300	<i>04.00</i>	<i>13.30</i>
		400	<i>08.30</i>	<i>7.20.5</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

\* 81 fms. wire rope condemned  
 at 1000 fms.

No. 102 Hyd. Date July 5Sigsbee Machine. / Reel.Turns 128 Cor. + 14 DepthShot, or lead 35 lbBottom mass. m. s. sand.Bottom temperature none put

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 54 Surface 52 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

26.00 30.30

27.50 29.15

: : 128

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2481 Date June 5  
 Machine. 1 Reel.  
 Turns 104 Cor. + 12 Depth 116

Shot or lead 35 lbs.

Bottom gravel

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 54 Surface 52 Drift 3/4 71.6

Trawl or dredge Shi

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
49.00	53.00	0	7.56.15	27.
.30	52.00	100	50.45	23.00
		200	04.20	20.30
		300	21.50	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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		1200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2180 Date ( ) 1 5Sigsbee Machine. Y Reel.Turns 239 Cor. + 26 Depth 265Shot or lead 35Bottom broken mudBottom temperature none takenNo. of thermometer          Cor.         Corrected temperature         Air 54 Surface 52 Drift N. 4 N. 1/2 W.Trawl or dredge         

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	34.30	0		10.30
1.45	33.15	100	11.10	13.45
29.30	32.00	200	12.30	12.30
30.00	31.15	300	11.30	11.30
		400	46.30	08.45
		500	50.00	05.00
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
		2000		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
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600				
700				
800				
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1000				

REMARKS:

No. 782 Hyd. Date Jan 1880

Sigsbee Machine. P Reel.

Turns 164 Cor. + 19 Depth 183

~~Shot~~ or lead 35 lbs.

Bottom shells

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 55 Surface 53 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
<u>22.00</u>	<u>9.25</u>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 784 No. 140 Date July 5<sup>th</sup> 1865  
Sigsbee Machine. 1 Reel.

Turns 140 Cor. + 15 Depth 155

Shot or lead 35 lbs.

Bottom hard

Bottom temperature none taken

No. of thermometer — Cor. —

Corrected temperature —

Air 55 Surface 53 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0.00	14.45	0		
11.30	9.53.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2483 Date July 5" 1885.

Wheeler Machine. 1 Reel.

Turns 158 Cor. + 17 Depth 175

~~Shot or lead~~ 35 lb.

Bottom coarse gravel

Bottom temperature none taken

No. of thermometer ----- Cor. -----

Corrected temperature -----

Air 58 Surface 53 Drift N. E. 1/2 W.

Trawl or dredge Shibis

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
0. 13. 15	17. 30	0	10. 18. 00	55. 00
4. 15	16. 45	100	21. 30	53. 00
15. 00	10. 16. 15	158	24. 00	51. 00
		300	27. 15	48. 30
		400	33. 30	10. 45. 00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2484 Date July 5<sup>th</sup> 1885.

Sigsbee Machine. / Reel.

Turns 184 Cor. + 20 Depth 204

Shot or lead 35 lbs.

Bottom fine white sand

Bottom temperature none taken

No. of thermometer ----- Cor.

Corrected temperature

Air 59 Surface 54 Drift N x E 1/2 W.

Trawl or dredge Shi.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
20.00	25.00	0	11.26.30	0-3.45
21.15	23.45	100	29.00	0-3.10
22.00	23.00	200	31.00	0-3.00
		300	33.00	0-3.00
		400	35.00	0-3.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2800
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3000
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3200
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3500
3600
3700
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3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2135 Date July 5 1885

Machine 1 Reel.

Turns 185 Cor. + 20 Depth 205

Shot or lead 35 lbs.

Bottom fine white sand

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor.

Corrected temperature

Air 58 Surface 54 Drift 1/2 x 7/8 1 mi

Trawl or dredge Ship's

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>12.23.30</u>		0	<u>12.30.00</u>	<u>08.45</u>
<u>24.30</u>	<u>28.15</u>	100	<u>32.15</u>	<u>06.00</u>
<u>25.15</u>	<u>12.26.30</u>	200	<u>34.30</u>	<u>03.15</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 785 Hyd. Date July 1  
 Sigsbee Machine. 1 Reel.  
 Turns 184 Cor. + 20 Depth 204  
 Shot or lead 35 lbs.

Bottom green sand  
 Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 59 Surface 54 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<u>1.10.00</u>	<u>15.30</u>	<u>0</u>		
<u>11.00</u>	<u>14.00</u>	<u>100</u>		
<u>11.00</u>	<u>12.00</u>	<u>78'</u> <u>200</u>		
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
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		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2486 Date July 5<sup>th</sup> 1886  
Ligbee Machine. 1 Reel.

Turns 171 Cor. + 19 Depth 190

Shot or lead 35 lbs

Bottom coarse sand gravel

Bottom temperature 40

No. of thermometer 53731 Cor. -.3

Corrected temperature 39.7

Air ^ Surface 51 Drift ...

Trawl or dredge S

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1.01.00	0.00.00
		100		0.06.00
		200		0.13.00
		300		0.20.00
		400		0.27.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



60/007.

No. 586 Date June 15

Sigsbee Machine. Reel.

Turns 158 Cor. + 17 Depth 175

Shot or lead 35 lbs.

Bottom coarse sand

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 57 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 03.00	03.50	0		
04.00	07.30	100		
04.40	2.05.00	158		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 787 Hyd. Date July 5<sup>th</sup> 1880  
Sigsbee Machine.  Reel.  
 Turns 167 Cor. + 19 Depth 186  
 Shot or lead 35 lbs.  
 Bottom fine sand.  
 Bottom temperature none taken  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air 57 Surface 54 Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>2.26.30</u>	<u>32.00</u>	0		
		100		
	<u>2.20.20</u>	<u>167</u>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

15  
107.  
67

No. 788 Hyd. Date July 5<sup>th</sup> 1855.

Sigsbee Machine. 4 Reel.

Turns 130 Cor. + 15 Depth 145

Shot or lead 35 lbs.

Bottom fine grey sand

Bottom temperature 40

No. of thermometer 53731 Cor. - .3

Corrected temperature 39.7

Air 57 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2.20.00

03.15

0

01.10

02.10

100

00.00

02.00

130

~~200~~

300

400

500

600

700

800

900

1000

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1200

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1600

1700

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1900

2000

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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2487 Date July 5<sup>th</sup> 1885.

Machine. / Reel.

Turns 35 Cor. + 4 Depth 39.

Shot or lead 35 lbs.

Bottom green sand gravel

Bottom temperature none taken

No. of thermometer . Cor.

Corrected temperature

Air 57 Surface 54 Drift N. 1/2 E. m.

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
3.12.30	3.14.00	0	3.20.00	4.42.00
		100	27.	4.50
		200		*
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2300		
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	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

\* 594.5. instruments condensed  
 drawn over side.



No. 786 Date

Machine / Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead 35 lbs.

Bottom hard - coral pebbles.

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 57 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.13.30

3.15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

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 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 790 2645. Date July 5<sup>th</sup> 1885.Machine. 1 Reel.Turns 387 Cor. + 4 Depth 40Shot or lead 35 lbs.Bottom hard - coarse pebblesBottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor.

Corrected temperature \_\_\_\_\_

Air 57 Surface 54 Drift

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4.05</u>	<u>4.07.00</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1500		
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *101* Date *5<sup>th</sup> 1885*

*Sigsbee* Machine.  Reel.

Turns *43* Cor. + *5* Depth *48*

Shot or lead *35 lbs.*

Bottom *fine white sand.*

Bottom temperature *none taken*

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air *57* Surface *54* Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43*

0

100

200

300

400

500

600

700

800

900

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1100

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1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
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	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 792 Hyd. Date 11/1/1895

Sigsbee Machine. 1 Reel.

Turns 81 Cor. + 9 Depth 90

Shot or lead 35 lbs.

Bottom yellow sand

Bottom temperature none taken

No. of thermometer — Cor.

Corrected temperature

Air 57 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4:20</u>	<u>4:50</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2403 Date \_\_\_\_\_  
 Machine. 1 Reel. \_\_\_\_\_  
 Turns 135 Cor. + 15 Depth 150  
 Shot or lead 35 lb  
 Bottom \_\_\_\_\_  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air 56 Surface \_\_\_\_\_ Drift \_\_\_\_\_  
 Trawl or dredge Ships

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

46.00

100

42.40

200

38.30

300

34.5

400

31.00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 793 Hyd. Date July 5<sup>th</sup> 1885.

Sigsbee Machine. 1 Reel.

Turns 169 Cor. + 19 Depth 188

Shot or lead 35 lbs.

Bottom mud and fine sand

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 56 Surface 53 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7.10.00</u>	<u>4.2.50</u>	0		
<u>7.11.00</u>	<u>4.1.50</u>	100		
<u>7.12.00</u>	<u>4.0.15</u>	<del>200</del> <u>169</u>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
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2500
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2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 794 Hyd. Date July 5<sup>th</sup> 1885.Sigsbee Machine. / Reel.Turns 112 Cor. + 12 Depth 124

Shot or lead

Bottom white sandBottom temperature none takenNo. of thermometer          Cor.

Corrected temperature

Air 55° Surface 53° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
	<u>6.30.30</u>	<u>112</u>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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2500  
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 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2189 Date July 15 1885

Sigsbee Machine. 1 Reel.

Turns 29 Cor. + 4 Depth 33

Shot or lead 35 lb.

Bottom white sand

Bottom temperature none taken

No. of thermometer          Cor.         

Corrected temperature         

Air 55 Surface 53 Drift E. S. E. 3/4

Trawl or dredge 10' Dip

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7.12.00</u>		0	<u>7.17.00</u>	<u>39.30</u>
		100	<u>24.00</u>	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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 3100  
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 3300  
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 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



5978

No. 793-1/2 Date July 6<sup>th</sup> Am.  
Tanner Machine. Reel.

Turns 37 1/2 Cor. + 1 1/2 Depth 39 fms

Shot or lead 18 lb lead

Bottom *hard*

Bottom temperature 32

No. of thermometer 53731 Cor. 0

Corrected temperature 32

Air 50 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.43	12.47	37 1/2		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 796 Shot Date July 6

Machine. Reel.

Turns 72 Cor. + 3 Depth 75Shot or lead 18 lb leadBottom White sandBottom temperature 33 1/2No. of thermometer 53731 Cor. 0Corrected temperature 33.5Air 50 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>244</u>		<u>72</u>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 797 Date July 6  
Machine. — Reel.

Turns 52 Cor. + 2 Depth 54

Shot or lead 18 lb

Bottom

Bottom temperature 32

No. of thermometer 53731 Cor. 0

Corrected temperature 32

Air 50 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.35		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 21170 Date 11/11/11Machine. / Reel.Turns 15 Cor. + 5 Depth 5Shot or lead 35 lbBottom fm.

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air 53 Surface 52 Drift 1/2 (U. 7) W.

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>35.00</u>	<u>2</u>	0		
		100	<u>50.00</u>	
		<u>140</u>		
		<del>200</del>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 198, 1141 Date 1917225 Machine. / 1 Reel.Turns 41 Cor. + 4 DepthShot or lead 35Bottom 1/2 white sand 1/4 specBottom temperature 77.1 10kNo. of thermometer        Cor.       Corrected temperature       Air 50 Surface 52 Drift       Trawl or dredge       

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>2 00</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 26171 Date 1/14/04Machine. 1 Reel.Turns 541 Cor. + 5 Depth

Shot or lead

Bottom

Bottom temperature 27.0No. of thermometer — Cor.

Corrected temperature

Air 51 Surface 57.3 Drift 1/2 W 10 W 1

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>6171</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
		1600		
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	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1774 Date 1

Machine. / Reel.

Turns \_\_\_\_\_ Cor. + \_\_\_\_\_ Depth \_\_\_\_\_

Shot or lead \_\_\_\_\_

Bottom fine mud

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 51 Surface \_\_\_\_\_ Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
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 3200  
 3300  
 3400  
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 3600  
 3700  
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 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507

No. *2110*

Date *July 10 1901*

Machine. *Reel*

Turns *68* Cor. + *7* Depth *75*

Shot or lead *35 lb*

Bottom *white sand*

Bottom temperature *33.3*

No. of thermometer *53731* Cor. *0*

Corrected temperature *33.3*

Air *51* Surface *53* Drift *1/2 West*

Trawl or dredge *Sigs*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 511 Date \_\_\_\_\_

Sigsbee Machine. 1 Reel.

Turns 38 Cor. + 4 Depth \_\_\_\_\_

Shot or lead 35 lb

Bottom White sand & s

Bottom temperature 32

No. of thermometer 53731 Cor. 0

Corrected temperature \_\_\_\_\_ 32

Air 51 Surface 53 Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7.56.00</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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2500  
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 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date July 6 188153731 Machine. + Reel. —Turns 413 Cor. + 2 Depth 415Shot or lead, 18 lbBottom White sandBottom temperature 32.3No. of thermometer 53731 Cor. 0Corrected temperature 32.3Air 52 Surface 53 Drift

Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

75.00

100

01.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10	1	1-20	1
20	2	2-30	3
30	3	3-40	4
40	4	4-50	5
50	5	5-60	6
60	6	6-70	7
70	7	7-80	8
80	8	8-90	9
90	9	9-100	10
100	10	10-110	11
110	11	11-120	12
120	12	12-130	13
130	13	13-140	14
140	14	14-150	15
150	15	15-160	16
160	16	16-170	17
170	17	17-180	18
180	18	18-190	19
190	19	19-200	20
200	20	20-210	21
210	21	21-220	22
220	22	22-230	23
230	23	23-240	24
240	24	24-250	25
250	25	25-260	26
260	26	26-270	27
270	27	27-280	28
280	28	28-290	29
290	29	29-300	30
300	30	30-310	31
310	31	31-320	32
320	32	32-330	33
330	33	33-340	34
340	34	34-350	35
350	35	35-360	36
360	36	36-370	37
370	37	37-380	38
380	38	38-390	39
390	39	39-400	40
400	40	40-410	41
410	41	41-420	42
420	42	42-430	43
430	43	43-440	44
440	44	44-450	45
450	45	45-460	46
460	46	46-470	47
470	47	47-480	48
480	48	48-490	49
490	49	49-500	50
500	50	50-510	51
510	51	51-520	52
520	52	52-530	53
530	53	53-540	54
540	54	54-550	55
550	55	55-560	56
560	56	56-570	57
570	57	57-580	58
580	58	58-590	59
590	59	59-600	60
600	60	60-610	61
610	61	61-620	62
620	62	62-630	63
630	63	63-640	64
640	64	64-650	65
650	65	65-660	66
660	66	66-670	67
670	67	67-680	68
680	68	68-690	69
690	69	69-700	70
700	70	70-710	71
710	71	71-720	72
720	72	72-730	73
730	73	73-740	74
740	74	74-750	75
750	75	75-760	76
760	76	76-770	77
770	77	77-780	78
780	78	78-790	79
790	79	79-800	80
800	80	80-810	81
810	81	81-820	82
820	82	82-830	83
830	83	83-840	84
840	84	84-850	85
850	85	85-860	86
860	86	86-870	87
870	87	87-880	88
880	88	88-890	89
890	89	89-900	90
900	90	90-910	91
910	91	91-920	92
920	92	92-930	93
930	93	93-940	94
940	94	94-950	95
950	95	95-960	96
960	96	96-970	97
970	97	97-980	98
980	98	98-990	99
990	99	99-1000	100

172  
18 1/2

116  
18 1/2  
13

110  
18 1/2  
20  
19

104  
18 1/2  
12

230 7  
18 1/2  
26

151  
18 1/2  
17

118 1/2  
20

118 1/2  
20

118 1/2

No. 5011/14 Date July 66  
Machine. Reel.

Turns 13 Cor. + 2 Depth 40

Shot or lead 18 lb

Bottom Yellow Sand

Bottom temperature Not taken

No. of thermometer Cor. —

Corrected temperature —

Air 52 Surface 53 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>05.30</u>	<u>6.00</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 1114

Date July 6th 1885

Machine. Reel.

Turns 48 Cor. + 2 Depth 50

Shot or lead

Bottom Sand & Gravel

Bottom temperature 32.5

No. of thermometer 53731 Cor. 0

Corrected temperature 32.5

Air 54 Surface 54 Drift 1/4 West

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.37.00		0	10.43.00	52.01
		100	10.45.00	10.49.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3300  
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 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 802 Hyd Date \_\_\_\_\_  
Sigsbee Machine. V Reel. \_\_\_\_\_  
 Turns 46 Cor. + 2 Depth \_\_\_\_\_  
 Shot or lead 18 lb  
 Bottom Sand & Gravel  
 Bottom temperature 77.0 - 77.0  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air 54 Surface 54 Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>Even</u>		0		
<u>10.52.00</u>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507 *W*

No. 2495 Date July 6<sup>th</sup>

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44

Shot or lead 18

Bottom Sand bottom

Bottom temperature 32.5

No. of thermometer 53731 Cor. 0

Corrected temperature 32.5

Air 54 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>P. 21</u>		0	<u>12.20.10</u>	<u>12.3</u>
		100	<u>12.25.10</u>	<u>12.3</u>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*in case Samurkin*

No. 503 Hye'd Date July 6<sup>th</sup> 188-

Tamm Machine. Reel.

Turns 41 Cor. + 2 Depth 43Shot or lead 18 lbBottom: Hard luteBottom temperature 74.1No. of thermometer — Cor.Corrected temperature —Air 54 Surface 54 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12.35.00

0

100

200

300

400

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600

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800

900

1000

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1200

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2300

2400

	2500	
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	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2496 Date July 6<sup>th</sup> 1885

Machine. Reel.

Turns 42 Cor. + 2 Depth

Shot or lead 18

Bottom Coars Yellow sand & Pebble

Bottom temperature 32.5

No. of thermometer 53737 Cor. 0

Corrected temperature 32.2

Air 58 Surface 56 Drift 1/4

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
27.00	1.29.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Clarified for sea analysis abundant*

No. 804 Date July 6<sup>th</sup> 1885

Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 46

Shot or lead 18 lb

Bottom Yellow Sand

Bottom temperature 72.1

No. of thermometer Cor.

Corrected temperature

Air 58 Surface 56 Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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Will be found in the ...

2500
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3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*W.S.*  
 No. 805 Date July 6<sup>th</sup> 1885  
*Tanner* Machine. — Reel. —

Turns 46 Cor. + 2 Depth 48

Shot or lead 18 lb

Bottom Yellow Sand

Bottom temperature 32 <sup>3</sup>/<sub>10</sub>

No. of thermometer 53751 Cor. 0

Corrected temperature 32.3

Air 58 Surface 56 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>		0		
<i>21 30 40</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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	3700	
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	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 606 Hyd Date 11/11/11

Machine.          Reel.         

Turns 50 Cor. + 2 Depth 52

Shot or lead 18 lb

Bottom Yellow sand & coral bottom

Bottom temperature                 

No. of thermometer                  Cor.                 

Corrected temperature                 

Air 58 Surface 55 Drift                 

Trawl or dredge                 

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 217 Date \_\_\_\_\_  
*Lucas* Machine. \_\_\_\_\_ Reel. \_\_\_\_\_  
 Turns 53 Cor. + 2 Depth 57  
 Shot or lead 15  
 Bottom \_\_\_\_\_  
 Bottom temperature 33  
 No. of thermometer 53731 Cor. 0  
 Corrected temperature 33  
 Air 58 Surface 55 Drift 3/4 west  
 Trawl or dredge /

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1.00</u>	<u>3.08.00</u>	<u>0</u>	<u>3.10.00</u>	<u>30.00</u>
		<u>120</u> <del>100</del>		
		200		
		300		
		400		
		500		
		600		
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		800		
		900		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. S 0 / Hyd Date \_\_\_\_\_  
1225 Machine. = Reel. \_\_\_\_\_  
 Turns 56 Cor. + 2 Depth 58  
 Shot or lead 18 lb  
 Bottom Ha  
 Bottom temperature 11.0  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2498 Date July 6<sup>th</sup> 1885

Machine. Reel.

Turns 63 Cor. + 2 Depth 65

~~Shot or lead~~ 18 lb

Bottom fine brown sand

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 63 Surface 57 Drift West 1 m

Trawl or dredge L.B.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

5, 21, 30

17. 01

100

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4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Under the surface*

No. 24199 Date July 6  
 Machine Reel  
 Turns 126 Cor. + 2 Depth 130  
~~Shot or lead~~ 18 lb  
 Bottom Black mud  
 Bottom temperature 36  
 No. of thermometer 53731 - Cor. -.2  
 Corrected temperature 35.8  
 Air 65 Surface 57 Drift 1 N X S  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*2500 - 1000 ft. to 1000 ft. depth*  
*1000*



507. *W. H. M.*

No. *808* Date *July 6/4 1881*

*Tanner* Machine. Reel.

Turns *46* Cor. + *2* Depth *48*

Shot or lead *18 lb*

Bottom *Yellow sand & gravel*

Bottom temperature *36*

No. of thermometer *53731* Cor. *-.2*

Corrected temperature *35.8*

Air *59* Surface *58* Drift *—*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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500				
600				
700				
800				
900				
1000				

REMARKS:

No. *509* Date *1/1/1900*  
*Tanner* Machine. *11* Reel.  
 Turns *68* Cor. + *2* Depth *70*

Shot or lead *18 lb*

Bottom *fine white sand*

Bottom temperature *35.5*

No. of thermometer *53731* Cor. - *.2*

Corrected temperature *35.3*

Air *59* Surface *58* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

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4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

SLP

No. *Hyd 510* Date *July 7<sup>th</sup> 4:12 AM*

Tanner \_\_\_\_\_ Machine. \_\_\_\_\_ Reel. \_\_\_\_\_

Turns *47* Cor. *1* Depth *48*Shot or lead *18 lbs*Bottom *Sand + gravel*Bottom temperature *35*No. of thermometer *53731* Cor. *- .2*Corrected temperature *34.8*Air *58* Surface *58* Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hyd 811* Date *July 7<sup>th</sup> 4:39 AM*

Machine. Reel.

Turns *53* Cor. + *1* Depth *54*

Shot or lead *18 lb*

Bottom *Sand & large pebbles*

Bottom temperature *no*

No. of thermometer Cor.

Corrected temperature

Air *58* Surface *58* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

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4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No.

Date

July 7<sup>th</sup> 5 31

Machine.

Reel.

Turns

Cor. +

1

Depth

57

~~Shot or lead~~

1000

Bottom

fine grey

ck - Sa

Bottom temperature

now

is

No. of thermometer

Cor.

Corrected temperature

Air

58

Surface

58

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

21 00

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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500				
600				
700				
800				
900				
1000				

REMARKS:

No. Hyd 813 Date 7 6 1901  
Tanner Machine. Reel.

Turns 72 Cor. + 2 Depth 74

Shot or lead 18

Bottom sand & coral

Bottom temperature None

No. of thermometer Cor.

Corrected temperature

Air 57 Surface 58 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

24.00 6.25.40

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date \_\_\_\_\_

Tanner \_\_\_\_\_ Machine. \_\_\_\_\_ Reel. \_\_\_\_\_

Turns 35 Cor. + \_\_\_\_\_ / \_\_\_\_\_ Depth 36

~~Shot or lead~~ 18

Bottom Sand

Bottom temperature none taken

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
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900				
1000				

*James Robinson*

REMARKS:

*2 specimens of star fish, number of star fish, number of star fish*

No. \_\_\_\_\_ Date *11 34**Vanner* Machine. Reel. \_\_\_\_\_Turns *32* Cor. + *1* Depth *33*Shot or lead *18*

Bottom \_\_\_\_\_

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air *59* Surface *58* Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 11 Date July 17 1859  
*Tanner* Machine. Reel.

Turns 25 Cor. + 1 Depth 26

~~Shot or lead~~

Bottom Sand & gravel

Bottom temperature 39

No. of thermometer 53731 Cor. - 3

Corrected temperature 35.7

Air 37 Surface 35 Drift 2 11.

Trawl or dredge L. G.

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.59.00	8.00.00	0	8.12.21	8.17.00
		100	05.30	8.15.10
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

This haul is in fact  
 all sand & gravel

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Dist. Sec. ...  
 ...  
 ...*



2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 222 Date, 7<sup>th</sup> 11.05  
Tanner Machine. Reel.

Turns 67 Cor. + 2 Depth 69

~~Shot~~ lead 18 lbs

Bottom fine yellow sand

Bottom temperature 35

No. of thermometer 53731 Cor. - .2

Corrected temperature 34.8

Air 60 Surface 57 Drift 1/2 - 1 1/2

Trawl ~~or dredge~~ L.B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>11.05.00</u>	<u>11.07.00</u>	0	<u>11.09.00</u>	<u>11.32</u>
		100	<u>.13.00</u>	<u>11.5.00</u>
		200	<u>19.00</u>	<u>11.1.00</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Sample retained*

REMARKS:

*Some, of water samples, bottles  
 used, but not specimens of large  
 size: some specimens within  
 5 feet deep, small etc. on  
 surface.*

547.

No. *75 21* Date *11/27*

Machine. Reel.

Turns *61* Cor. + *2* Depth *63*

Shot or lead *18 lbs*

Bottom *yellow sand & pebbles*

Bottom temperature *none taken*

No. of thermometer Cor.

Corrected temperature

Air *60* Surface *57* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

*11.37.00* *11.38.30*

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *Hy 817* Date *July 7<sup>th</sup> 12:17 P.M.*

*Tanner* Machine. Reel.

Turns *53* Cor. + *1* Depth *54*

~~Shot or lead~~ *18 lbs*

Bottom *ye*

Bottom temperature *34.2*

No. of thermometer *53731* Cor. *- .1*

Corrected temperature *34.1*

Air *65* Surface *57* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*12.17.00* *12.17.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

525

No. 2503 Date Oct 1, 1874 1:34 P.M.

Tide            Machine.            Reel.           

Turns 46 Cor. + 1 Depth 47

Shot or lead 18 lbs

Bottom pebbles

Bottom temperature 35 1/4

No. of thermometer 53731 Cor. -.2

Corrected temperature 35

Air 63 Surface 60 Drift 1/2 m. W 1/2 m. N

Trawl or dredge           

SOUNDING WIRE.

DOWN. UP.

1.36.30 1.40.00

DREDGE ROPE.

DOWN. UP.

1.43.00 50.00  
46.30 1.54.50  
49.00 1.53.00

TURNS.  
 0  
 100  
 150  
~~200~~  
 300  
 400  
 500  
 600  
 700  
 800  
 900  
 1000  
 1100  
 1200  
 1300  
 1400  
 1500  
 1600  
 1700  
 1800  
 1900  
 2000  
 2100  
 2200  
 2300  
 2400

Tried haul line for 20 min  
 caught 22 crabs

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*J. ...*  
*(...)*

No. 250 Date July 4. 1911  
 Machine. Reel.

Turns 80 Cor. + 2 Depth 82

Shot or lead 18-lb

Bottom blk mud & gravel

Bottom temperature 41

No. of thermometer 53738 Cor. -.4

Corrected temperature 40.6

Air 65 Surface 62 Drift 1/2 m N.W.

Trawl or dredge Ship dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4.19.00</u>		0	<u>1.25</u>	<u>54.00</u>
<u>20.00</u>		100	<u>26.00</u>	<u>57.00</u>
		200	<u>30.00</u>	<u>48.30</u>
		<del>300</del>	<u>32.00</u>	<u>4.47.00</u>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Temperature 1920*  
*St. Louis*

No. 2505 Date July 17 1885  
 Machine. Reel.  
 Turns 90 Cor. + 3 Depth 93  
~~Shot or lead~~ 16 lb  
 Bottom dark brown  
 Bottom temperature 42.  
 No. of thermometer 53721 Cor. - .4  
 Corrected temperature 42.3  
 Air 63 Surface 63 Drift  $\frac{1}{2}$  m. W. by S.  
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6,41.00		0		
42.00		75		10.
		100		16.00
		200		54.00
		300		7,12.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	<i>Trawl continued</i>			

REMARKS:

*Some string, star fish, sea anemone, shells*



No. 2506 Date July 8" 1885

anner Machine. — Reel.

Turns 122 Cor. + 5 Depth 127

Shot or lead

Bottom dark brown mud.

Bottom temperature

No. of thermometer 53731 Cor. — .4Corrected temperature 43.1Air 61 Surface 61 DriftTrawl or dredge L. B.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>4. 00. 00</u>		<u>0</u>	<u>4. 15. 00</u>	<u>51. 30</u>
<u>02. 30</u>		<u>100</u>	<u>19.</u>	<u>45.</u>
		<u>200</u>	<u>23. 30</u>	<u>44. 30</u>
		<u>300</u>	<u>26.</u>	<u>4.</u>
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11:00  
 6  
 170-0.100000

No. 2507 Date July 5 1881  
*Sigsbee* Machine Reel.  
 Turns 78 Cor. + 2 Depth 80

Shot or lead 18 lb.

Bottom hard

Bottom temperature 42

No. of thermometer 5712 Cor. - .4

Corrected temperature 41.6

Air 62 Surface 61 Drift 1.1 N. 1.2 W.

Trawl or dredge Sigsbee

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

46.30		0	6.53.00	16
		100	57.20	13.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Surface water same as at 1000 fms  
 of no wind or current. S. 1000 fms  
 S. 1000 fms.*

No. 2508 Date July 8<sup>th</sup> 1885.  
*Tanner* Machine. — Reel.  
 Turns 70 Cor. + 2 Depth 72  
 Shot or lead 18 lbs.  
 Bottom brown mud.  
 Bottom temperature 40.  
 No. of thermometer 53731 Cor. -.3  
 Corrected temperature 39.7  
 Air 62 Surface 61 Drift N. N. W. 1/2 W.  
 Trawl or dredge S. S.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	<i>* Trawl came up very badly torn.</i>			
1000				

REMARKS:

No. 818 Hyd. Date July 8<sup>th</sup> 1885.

Wanner Machine. Reel.

Turns 49 Cor. + 2 Depth 51

Shot or lead 18 lb.

Bottom hard

Bottom temperature 34<sup>3</sup>/<sub>4</sub>

No. of thermometer 53731 Cor. - .1

Corrected temperature 34.6

Air 64 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>10.16.30</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2509 Date July 8 1885  
*Sigsbee* Machine. Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 18 lb.

Bottom coarse sand

Bottom temperature 35

No. of thermometer 53731 Cor. -.2

Corrected temperature 34.8

Air 64 Surface 61 Drift N. 1/2. W.

Trawl or dredge

SOUNDING WIRE.

DOWN. UP.

11.55.00

DREDGE ROPE.

DOWN. UP.

TURNS.

0

11.55.00 11.55.00

100

~~200~~ 250

11.55.00 11.40.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *810* Date *July 11*  
*Sauer* Machine *Reel*  
 Turns *38* Cor. + *2* Depth *40*  
 Shot or lead *18 lbs.*  
 Bottom *rocky*  
 Bottom temperature *not taken*  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air *65* Surface *61* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*12.17.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2510 Date July 11 1885  
 Tannes Machine. — Reel.  
 Turns 66 Cor. + 2 Depth 68  
 Shot or lead 18 lbs.  
 Bottom blk. mud brk. shells.  
 Bottom temperature 39.5  
 No. of thermometer 53731 Cor. - .3  
 Corrected temperature 39.2  
 Air 58 Surface 55 Drift  
 Trawl or dredge Ship

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

X 1. . . . . water hauled down in  
 . . . . . and 79 fms. time . . . . .

No. 2511 Date           
 Machine.          Reel.           
 Turns 81 Cor. + 5 Depth 81  
 Shot or lead 18  
 Bottom             
 Bottom temperature           
 No. of thermometer          Cor. - .4  
 Corrected temperature          41.6  
 Air 60 Surface 57 Drift 7. x . 1  
 Trawl or dredge         

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7 00</u>		0	<u>12.33.0</u>	
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

(1)



No. 2519

Date

July 11 1885

Tanner Machine. 2 Reel.

Turns 100 Cor. + 3

Depth 103

Shot or lead 18 lbs.

Bottom brown mud

Bottom temperature 43

No. of thermometer 53731

Cor. - 4

Corrected temperature

42.6

Air 62 Surface 50

Drift  $N \frac{1}{2} W$ 

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

3.00. -

0

3.04.00

37.

100

37.30

33.30

200

17.00

24.00

300

14.30

3.27.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*1st*  
 ... .., ... ..

No. *2513* Date *July 11 1881*  
*Lucas* Machine. Reel.

Turns *130* Cor. + *4* Depth *134*

Shot or lead *18 lbs.*

Bottom *gy. oz. e.*

Bottom temperature *44*

No. of thermometer *53731* Cor. - *4*

Corrected temperature *43.6*

Air *6* Surface *5* Drift *3.5 N. 1/2 W.*

Trawl or dredge *Small 3' net*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*6.05.00*



No. 2514 Date July 11<sup>th</sup> 1885

Tanner Machine. G Reel.

Turns 122 Cor. + 4 Depth 126

Shot or lead 18 lbs.

Bottom black mud.

Bottom temperature 43.5

No. of thermometer 53151 Cor. - 4

Corrected temperature 43.1

Air 63 Surface 57 Drift 2 M

Trawl or dredge 300 ft 3000

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

20.

24.30

26.15

50.45

47.15

7.44

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Temperature of surface water  
 25.00 at surface, 25.00  
 at 1000 fathoms.*

No. 820 Date July 11 1884

Machine. Reel.

Turns 2 Cor. 2 Depth 54

Shot or lead 18 lbs.

Bottom hard

Bottom temperature 38

No. of thermometer 53731 Cor. - .2

Corrected temperature 37.8

Air 60 Surface 58 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.23.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2210 Date

Simon Machine. Reel.

Turns 53 Cor. + 2 Depth

Shot or lead 18 lb

Bottom

Bottom temperature 36.5

No. of thermometer 22141 Cor. - .2

Corrected temperature 36.3

Air 60 Surface 58 Drift

Trawl or dredge 5/11

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
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		2200		
		2300		
		2400		

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 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns 20 Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer 20101 Cor. - .2

Corrected temperature 36.3

Air 59 Surface 58 Drift 1/2 14 S.W.

Trawl or dredge Shrimp

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

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 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *5011* Date

Machine. Reel.

Turns *90* Cor. + *2* Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor. *- 2*

Corrected temperature *35.5*

Air *60* Surface Drift

Trawl or dredge *S.S.*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	<i>7.</i>	0		
		<i>100</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
		2000		
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 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500*				
600				
700				
800				
900				
1000				

REMARKS:  
*200 y*  
*100*

No. *221* Date

Machine. ' Reel.

Turns *58* Cor. + *2* Depth

Shot or lead *18*

Bottom *fine sand*

Bottom temperature *31*

No. of thermometer *56731* Cor. - *2*

Corrected temperature *31.7*

Air *0* Surface Drift -

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.10.00</i>	<i>11.12.00</i>	0		
		150		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3300  
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 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2146 - Date

Machine. Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 18

Bottom 2451

Bottom temperature 39

No. of thermometer 53751 Cor. - 3

Corrected temperature 35.7

Air 60 Surface 60 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8:20		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
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		1800		
		1900		
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		2100		
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 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *211* Date*new* Machine. Reel.Turns *21* Cor. + *2* Depth *23*

Shot or lead

Bottom *Hard*Bottom temperature *57.5*No. of thermometer *53731* Cor. - *3*Corrected temperature *54.2*Air *61* Surface *60* Drift *1/4*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1500		
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		1800		
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		2100		
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		2400		

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 3300  
 3400  
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 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2520 Date 1/11

Machine..... Reel.

Turns 60 - Cor. + 2 - Depth 62

Shot or lead 15

Bottom Muddy

Bottom temperature 4

No. of thermometer 3500 Cor. -.11

Corrected temperature 40.6

Air 66 Surface 60 Drift

Trawl or dredge Ships

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	5 51 00	16.
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
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		2400		

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 3200  
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 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *241* Date *11/11**Machine.* *Reel.*Turns *63* Cor. + *2* Depth : *5*Shot or lead *18 lb*Bottom *S.*

Bottom temperature

No. of thermometer *53731* Cor. *- .4*Corrected temperature *42.1*Air *6* Surface *52* Drift *1/4 S*

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

~~100.~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
 2600  
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 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *2522* Date *July 1*  
 Machine. *V* Reel.

Turns *201* Cor. + *0* Depth

Shot or lead *18 lb*

Bottom

Bottom temperature

No. of thermometer *53731* Cor. *- .3*

Corrected temperature *46.7*

Air *62* Surface *61* Drift *1/2 S 1/2 W*

Trawl or dredge *S, 73*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:  
*None*

No. *Hyd 822* Date *July 12<sup>th</sup> 1881*  
*Tanner* Machine. Reel.

Turns *197* Cor. + *3* Depth *190*

Shot or lead *18 lbs*

Bottom *Gravel*

Bottom temperature *none taken*

No. of thermometer *1* Cor.

Corrected temperature

Air *61* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *853* Date *July 13 12*  
*Tanner* Machine. Reel.

Turns *72* Cor. + *2* Depth *74*

Shot or lead *16 lbs.*

Bottom *coarse gravel*

Bottom temperature *none taken*

No. of thermometer Cor.

Corrected temperature

Air *60* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		1700		
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		2000		
		2100		
		2200		
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 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hyd 824* Date *July 13 2, 1901*

Tan. Machine. Reel.

Turns *329* Cor. + *10* Depth *339*

~~Shot or lead~~ *18*

Bottom *brown mud*

Bottom temperature ~~not taken~~

No. of thermometer Cor.

Corrected temperature

Air *60* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 2900  
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 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *2523* Date *July 13<sup>th</sup> 4:05 P.M.*  
*Sigsbee* Machine. *1* Reel.

Turns *100* Cor. + *11* Depth *111*

~~Shot or lead~~ *35*

Bottom *Sand & gravel - 4 stones*

Bottom temperature *42*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *41.6*

Air *59* Surface *60* Drift  $\frac{1}{4}$  m.  $\frac{1}{4}$  west

Trawl or dredge *Ship*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4 05.00</i>	<i>05.00</i>	<i>0</i>	<i>4 26.00</i>	<i>48.40</i>
<i>4 05.50</i>	<i>4 06.00</i>	<i>100</i>	<i>30.00</i>	<i>44.30</i>
		<i>200</i>	<i>34.00</i>	<i>41.00</i>
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500  
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2700  
2800  
2900  
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3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	No data recorded			

REMARKS:

2 Specimens of Holothurians, Sponges, etc. taken from the mud. few opithurians sea Anchinis, Stars, & praecege medusan seen. S. ...

SCP

No. 2524 Date July 13 5:05 AM

Tanner Machine. Reel.

Turns 83 Cor. + 2 Depth 85

Shot or lead 18 lbs

Bottom Sand, Green Y Stone

Bottom temperature 43.

No. of thermometer 53731 Cor. -.4

Corrected temperature 42.6

Air 60 Surface 60 Drift  $\frac{1}{2}$  m 1/8 SW

Trawl or dredge Ship

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
05	10.40	0	5,14.00	31.20
05.40	09.40	100	18.30	27.10
		148		
		200	20.00	5.25.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	<i>Dredge contained</i>			

REMARKS:

*Some of the dredge was impure  
 and was not used for  
 the purpose.*

No. 2525 Date July 13<sup>th</sup> 5:14 A.M.

Tanner \_\_\_\_\_ Machine. \_\_\_\_\_ Reel.

Turns 70 Cor. + 2 Depth 72

~~Shot or lead~~ 18 lbs

Bottom Sand, gravel & brk shells

Bottom temperature 43

No. of thermometer 53731 Cor. -.4

Corrected temperature 43.6

Air 63 Surface 60 Drift 1/4 m. S. 1/2 W.

Trawl or dredge Ship

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.44.20	48.00	0	5.54.30	16.00
45.00	47.10	100	59.	12.20
		150	6.04	6.10.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Dredge contained*

REMARKS:

*Sponges. Shells - quite numerous,  
almost no crustacea.  
Acidians - plenty*

July 13

Sigsbee

100      11      111

35 bb

42

Sand 4 gran

59-60

05 00      08  
405.50      4 06

41.26

4.30

4.8





108 152  
4842 516

17 = 18158 → 9.82

8 = 3 pm L V: V 3.50  
5 = 12 1/2 x W = 9.5  
E 4 = 5 = W 9 HMS.  
"Canada" 4 7 7 1 x

7 = V = 1 2 4 5 6  
6 7 5577 = 30.40-58  
58-67 = 57-66 = 57-63

8 = 7 7 7 7 2 2 6  
1 = 6 x 6 7 7  
558. 577. = 30.20 + 30.42  
60.66 = 59.65 = 59.61

~~Handwritten scribbles~~

33 23 30  
W

W